

In the Claims:

1       1. (Original) Component with a substrate region as an  
2             oxidation protective layer, especially component of a gas  
3             turbine, with a substrate surface (13) and a substrate  
4             composition of the component (10), and with a substrate  
5             region formed in the region of the substrate surface (13)  
6             of the component through in-diffusion of at least one  
7             metal, characterized in that the component (10) comprises  
8             a substrate composition on a nickel basis with an aluminum  
9             proportion of greater than 4.5 weight %, and that  
10            exclusively at least one metal of the platinum group is  
11            diffused into the substrate surface (13) of the component  
12            (10) for the formation of the substrate region.

1       2. (Original) Component according to claim 1, characterized  
2            in that platinum and/or palladium is diffused into the  
3            substrate surface (13) of the component (10) for the  
4            formation of the substrate region.

Claims 3 to 10 (Canceled).

1       11. (Original) Oxidation protective coating for a component,  
2            especially a gas turbine component, whereby the component  
3            (10) comprises a substrate composition, and whereby the

4           coating is formed through diffusion of at least one metal  
5           into a substrate surface (13) of the component (10) and  
6           hereby forms a substrate region of the component,  
7           characterized in that the component (10) comprises a  
8           substrate composition on a nickel basis with an aluminum  
9           proportion of greater than 4.5 weight %, and that  
10          exclusively at least one metal of the platinum group is  
11          diffused into the substrate surface (13) of the component  
12          (10) for the formation of the substrate region.

1       12. (Original) Coating according to claim 11, characterized in  
2           that platinum and/or palladium is diffused into the  
3           substrate surface (13) of the component (10) for the  
4           formation of the substrate region.

Claims 13 to 18 (Canceled).

1       19. (Original) Method for the production of a component with  
2           a substrate region as an oxidation protective layer, with  
3           the following steps:

- 4       a) providing a component (10) with a substrate surface  
5           (13) and a substrate composition, whereby the  
6           component (10) comprises a substrate composition on a  
7           nickel basis with an aluminum proportion of greater  
8           than 4.5 weight %,
- 9       b) diffusing exclusively at least one metal of the  
10          platinum group into the substrate surface (13) of the  
11          component (10).

1       20. (Original) Method according to claim 19, characterized in  
2           that platinum and/or palladium is diffused into the  
3           substrate surface (13) of the component (10) for the  
4           formation of the substrate region.

Claims 21 to 24 (Canceled).

[REMARKS FOLLOW ON NEXT PAGE]